

CLAIMS

I claim:

1 1. A system having a plurality of display devices having different  
2 display capabilities, the system comprising;  
3 a first display device having a first display and a first display  
4 capability for displaying an image of a predetermined content;  
5 a second display device having a second display and a second  
6 display capability for displaying a substantially different image of the predetermined content;  
7 a communication link between said first display device and said  
8 second display device, the link including means for transmitting the predetermined content of the  
9 image to be displayed on the second display of said second display device, and;  
10 means for altering the image between the first display of said first display device and the second  
11 display of said second display device.

1 2. The system of claim 1, wherein the communication link between said first  
2 display device and said second display device is a wireless short range communication link.

1 3. The system of claim 2, wherein said first display device has means for  
2 initiating the short range communication link to said second display device for transmitting the  
3 image.

1 4. The system of claim 2, wherein said second display device has means for  
2 receiving the content transmitted from said first display device via the short range  
3 communication link.

1 5. The system of claim 2, wherein the short range communication link is a  
2 Bluetooth link.

1 6. The system of claim 2, wherein the short range communication comprises  
2 a Bluetooth chip attached to said first display device.

1 7. The system of claim 2, wherein the short range communication link  
2 comprises a Bluetooth chip attached to said second display device.

1 8. The system of claim 1, wherein said second display device further  
2 comprises means for informing said first display device of the second display capability.

1 9. The system of claim 1, further comprising a communications network, a  
2 second communications link between the communications network and said first display device,  
3 and means for transferring the image data from the communications network to said first display  
4 device over the second communications link before the image data is transmitted to said second  
5 display device.

1 10. The system of claim 9, wherein the communications network is a wireless  
2 communications network.

1 11. The system of claim 9, wherein the means for transferring the image data  
2 comprises means for simultaneously transferring additional data to said first display device with  
3 the image data for use at said first display device.

1 12. The system of claim 9, wherein the means for transferring the image data  
2 comprises means for transferring the image data in a packet along with additional data for use at  
3 said first display device, and wherein said first display device further comprises means for  
4 splitting the packet so the additional data may be used at said first display device, and the image  
5 data may be transmitted to said second display device.

1 13. The system of claim 1, wherein the predetermined content of the image  
2 contains data which is responsive to said first display device and to said second display device  
3 and the respective display device selects the appropriate data for viewing the image respectively.

1 14. The system of claim 13, wherein the data which is responsive to said first  
2 display device is viewed on the first display of said first display device and the data which is  
3 responsive to said second display device is forwarded to said second display device.

1 15. The system of claim 1, wherein said second display device further  
2 comprises a memory for buffering the incoming image.

1 16. The system of claim 1, wherein said first display device is a mobile  
2 terminal.

17. The system of claim 1, wherein said second display device is a television receiver.

18. The system of claim 1, further comprising means for controlling the second display device pixel-by-pixel.

19. The system of claim 1, wherein the first display capability is different from the second display capability such that the image displayed on the first display device is substantially different from the image displayed on the second display device.

20. A system having a plurality of display devices of different displaying capabilities, said system comprising:

a communications network for transmitting a predetermined content;

a first display device having a first display capability;

a second display device having a second display capability differing from the first display capability;

wherein said first display device comprises

means for establishing a first communication link with said communications network,

means for interactively communicating with said communications network,

means for establishing a second communication link with said second display device,

14 means for displaying an image on the display of said first display device  
15 taking into consideration the display capabilities of said first display device, and  
16 means for forwarding at least a portion of the predetermined content to said second display  
17 device for displaying a substantially different image taking into consideration the display  
18 capabilities of said second display device.

21. The system of claim 20, wherein the first communications link utilizes a  
wireless transformation method comprising one of GSM, EDGE WCDMA, DVB, DAB and a  
Bluetooth link.

22. The system of claim 21, wherein the wireless communications network  
comprises one of a mobile network and the Internet.

23. The system of claim 20, wherein the second communication link is a  
Bluetooth link.

24. The system of claim 20, wherein said first display device and wherein the  
first communications link utilizes a wireless transmission method compliant with the Wireless  
Application Protocol (WAP) standard.

25. The system of claim 20, wherein said first display device further  
comprises a memory for storing at least a part of the incoming signal.

26. The system of claim 20, wherein the incoming signal comprises:

2 a first display device image content part for use at said first display device;  
3 and  
4 a second display device part to be forwarded to said second display  
5 device.

27. The system of claim 20, wherein the portion of the predetermined  
2 content to be forwarded to said second display device comprises:

3 an access code specific to said first display device address in the  
4 communication link and identifying each data packet;

5 a header comprising communication link control information; and  
6 a payload comprising the data of the image to be displayed at said second display device.

28. A method of displaying a first part of a plurality of images on a first  
2 display device and a second part of the plurality of images on a second display device  
3 comprising the steps of:

4 receiving a predetermined content from a communications network at said  
5 first display device, wherein the predetermined content includes a plurality of data packets, each  
6 comprising display capability specific information;

7 assembling at least a portion of the data packets into a format that can be  
8 forwarded to said second display device;

9 transmitting the assembled data packets from said first display  
10 device to said second display device via a short range communication link;

11 reassembling the data packets received at said second display device into a  
12 format that can be viewed on a display of the second display device;  
13 displaying images on the display of said first display device using the first  
14 display capability specific information, and  
15 displaying substantially different images on the display of said second display device using the  
16 second display capability specific information.

1 29. The method of claim 28, further comprising transmitting the  
2 predetermined content over the communications network using a wireless transmission method  
3 comprising one of GSM, EDGE, WCDMA, DVB, DAB and a Bluetooth link.

1 30. The method of claim 28, wherein the communications network comprises  
2 one of a mobile network and the Internet.

1 31. The method of claim 28, wherein said first display device and the  
2 communications network are compliant with the Wireless Application Protocol (WAP) standard.

1 32. The method of claim 28, wherein the short range communication link is a  
2 Bluetooth link.

1 33. The method of claim 28, wherein said first display device is a mobile  
2 terminal.

1 34. The method of claim 28, wherein said second display device is a television  
2 receiver.